

OCT 14 2005

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FROM: Gregory P. Einhorn, Reg. No. 38,440

Date: October 14, 2005

Number of pages with cover page: 6

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**Comments:**

Attorney Docket: 564462001613  
Confirmation No.: 9848  
Group Art Unit: 1652  
Examiner: R. Hutson  
Serial No.: 10/034,621  
Filing Date: December 21, 2001  
Inventor(s): Walter CALLEN et al.  
Title: ENZYMES HAVING HIGH TEMPERATURE POLYMERASE  
ACTIVITY AND METHODS OF USE THEREOF

**Papers attached:**

1. Transmittal (1 page)
2. Fee Transmittal (1 page + duplicate)
3. Petition for 1 Month Extension of Time (1 page)
4. Notice of Appeal (1 page)

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PTO/SB/21 (09-04)

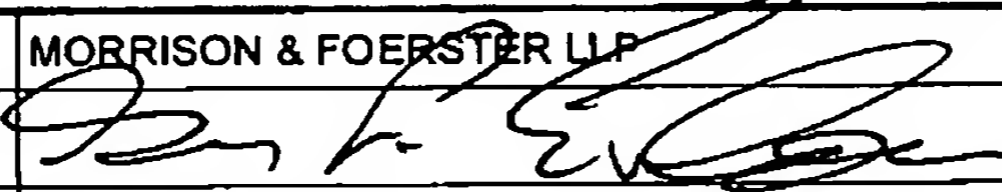
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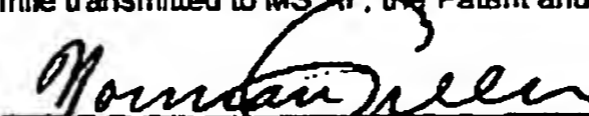
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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/034,621	
	Filing Date	December 21, 2001	
	First Named Inventor	Walter CALLEN	
	Art Unit	1652	
	Examiner Name	R. Hutson	
Total Number of Pages in This Submission	6	Attorney Docket Number	564462001613

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form (1 page + duplicate) <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request (1 page) <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input checked="" type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) (1 page) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Fax Cover Sheet (1 page)
Remarks  Customer No. 45975		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	MORRISON & FOERSTER LLP		
Signature			
Printed name	Gregory P. Einhorn		
Date	October 14, 2005	Reg. No.	38,440

I hereby certify that this correspondence is being facsimile transmitted to MS AF, the Patent and Trademark Office, facsimile no. (571) 273-8300, on the date shown below.	
Dated: October 14, 2005	Signature:  (Norman Green)

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PTO/SB/17 (12-04v2)

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Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). <b>FEE TRANSMITTAL</b> <b>For FY 2005</b>		<b>Complete if Known</b>	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	10/034,621
		Filing Date	December 21, 2001
		First Named Inventor	Walter CALLEN
		Examiner Name	R. Hutson
		Art Unit	1652
<b>TOTAL AMOUNT OF PAYMENT</b> (\$) 310.00		Attorney Docket No.	564462001613

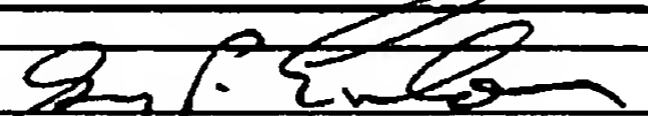
  

<b>METHOD OF PAYMENT</b> (check all that apply)	
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<input checked="" type="checkbox"/> Deposit Account    Deposit Account Number: <u>03-1952</u> Deposit Account Name: <u>Morrison &amp; Foerster LLP</u>	
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)	
<input checked="" type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee	
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 <input checked="" type="checkbox"/> Credit any overpayments	

<b>FEE CALCULATION</b>							
<b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>							
Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	
<b>2. EXCESS CLAIM FEES</b>							
<b>Fee Description</b>						<b>Fee (\$)</b>	<b>Small Entity Fee (\$)</b>
Each claim over 20 (including Reissues)						50	25
Each independent claim over 3 (including Reissues)						200	100
Multiple dependent claims						360	180
<b>Total Claims</b>		<b>Extra Claims</b>		<b>Fee (\$)</b>		<b>Fee Paid (\$)</b>	
_____		_____		_____		_____	
<b>Indep. Claims</b>		<b>Extra Claims</b>		<b>Fee (\$)</b>		<b>Fee Paid (\$)</b>	
_____		_____		_____		_____	
<b>3. APPLICATION SIZE FEE</b>							
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
<b>Total Sheets</b>		<b>Extra Sheets</b>		<b>Number of each additional 50 or fraction thereof</b>		<b>Fee (\$)</b>	
_____		_____		_____		_____	
- 100 =		/50		(round up to a whole number) x		=	
<b>4. OTHER FEE(S)</b>							
Non-English Specification, \$130 fee (no small entity discount)						<b>Fees Paid (\$)</b>	
Other (e.g., late filing surcharge): 2251 Extension for response within first month						60.00	
2401 Notice of appeal						250.00	

<b>SUBMITTED BY</b>			
Signature		Registration No. (Attorney/Agent)	38,440
Name (Print/Type)	Gregory P. Einhorn	Telephone	(858) 720-5133
		Date	October 14, 2005

sd-284604